

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-177924

(43)Date of publication of application : 25.06.1992

(51)Int.Cl.

H04B 3/46

H04L 12/48

H04L 29/14

(21)Application number : 02-303987

(71)Applicant : NEC CORP

(22)Date of filing : 13.11.1990

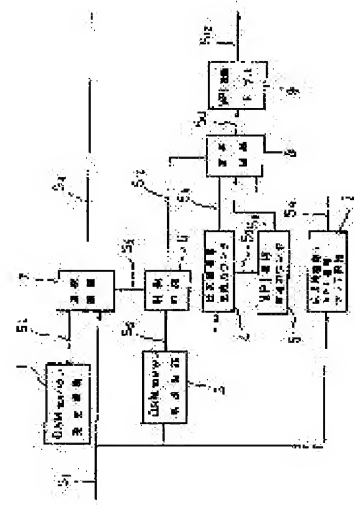
(72)Inventor : MIYAMOTO AKIHIRO

(54) ALARM TRANSFER SYSTEM IN ATM SYSTEM

(57)Abstract:

PURPOSE: To prevent a delay by an access time without provision of a memory for VPI registration by sending a transmission line number counted by a transmission line number generating counter and a VPI number counted by a VPI number generating counter as VPI information when a fault occurrence of a transmission line is detected.

CONSTITUTION: A transmission line number generating counter 4 counts all number of transmission lines for each signal input speed and outputs transmission line numbers S6, S7 in response to a fault detection signal S5. A VPI (Virtual Path Identifier) number generating counter 5 counts all VPIs in the transmission line and outputs a VPI number S8 in response to the transmission line number S7. On the occurrence of a fault of the transmission line, a 1st selection circuit 7 selects an OAM cell S3 generated by an OAM cell pattern generating circuit 1 to be sent and VPI information (transmission line number S6 and VPI number S8) in the case of fault occurrence is sent to a VPI conversion table 9 by a 2nd selection circuit 8. Thus, alarm transfer is attained without need of a memory for the VPI registration table and causing a delay by the access time.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]